

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
ILL
16-CHIG,
120-

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY, BRIDGE No. Z-6 HAER No. IL-162
Chicago Bridges Recording Project
Spanning N. Branch of Chicago River, S. of Cortland St.
Chicago
Cook County
Illinois

Jet Lowe, photographer, summer 1999.

- IL-162-1 AERIAL VIEW, LOOKING NNW ALONG NORTH BRANCH OF CHICAGO RIVER. BRIDGE No. Z-6 IN FOREGROUND, CORTLAND STREET BRIDGE BEHIND. BRIDGE No. Z-6 ROTATES CLOCKWISE.
- IL-162-2 AERIAL VIEW, LOOKING DUE EAST.
- IL-162-3 AERIAL VIEW, LOOKING NW.
- IL-162-4 AERIAL VIEW, LOOKING WNW.
- IL-162-5 LOOKING NORTH AT FIXED PLATE GIRDER SPAN ON WESTERN APPROACH. STONE PIER AT CENTER OF FRAME DATES TO PREVIOUS SWING BRIDGE ON THIS SITE.
- IL-162-6 VIEW FROM WESTERN ABUTMENT, SHOWING SIDE ELEVATION OF BRIDGE No. Z-6 IN OPEN POSITION.
- IL-162-7 DETAIL OF SWING SPAN, SHOWING PLATE GIRDER CONSTRUCTION AND PIVOT BEARING BELOW.
- IL-162-8 BALANCE WHEELS AT EASTERN END OF SWING SPAN.
- IL-162-9 OBLIQUE PERSPECTIVE OF SWING SPAN.
- IL-162-10 PIVOT BEARING FOR SWING SPAN.
- IL-162-11 DOUBLE CURVED RACK. UPPER PORTION ROTATES; LOWER PORTION REMAINS STATIONARY. DISCARDED ROLLER NEAR CENTER OF FRAME.
- IL-162-12 WESTERN END OF SWING SPAN, SHOWING ROCKER BEARINGS AND LOCKING MECHANISM.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY, BRIDGE No. Z-6
HAER No. IL-162
INDEX TO PHOTOGRAPHS
(Page 2)

- IL-162-13 VIEW OF DRIVE TRAIN, SHOWING TWO PINIONS ENGAGING DOUBLE CURVED RACK.
- IL-162-14 LOOKING NW FROM EASTERN ABUTMENT, WITH SWING SPAN IN OPEN POSITION. NOTE BUMPER ON CURVED RACK AT BOTTOM LEFT OF FRAME.
- IL-162-15 LOOKING DUE EAST FROM OPERATOR'S HOUSE, WITH TRAIN APPROACHING BRIDGE.
- IL-162-16 LOOKING SE, WITH SWING SPAN IN MOTION.
- IL-162-17 LOOKING DUE EAST FROM OPERATOR'S HOUSE, WITH TRAIN CROSSING BRIDGE (MOVING TOWARD CAMERA). NOTE JOINT BETWEEN SWING SPAN AND FIXED APPROACH SPAN AT BOTTOM RIGHT OF FRAME.